Message

From: Strynar, Mark [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=5A9910D5B38E471497BD875FD329A20A-STRYNAR, MARK]
Sent: 2/12/2015 12:47:39 PM
To: Lam.H.Leung-1@chemours.com
Subject: RE: Catching Up and Fluoros 2015

Hi Lam,

I had a good Holiday break. I had some comments from my management as part of the clearance I have been working through. It has not yet been submitted.

In addition I have taken a new look at the structures in question. I had scheduled some time on an Orbitrap to try to get unique fragments but my colleagues instrument was down. I am pretty confident in the formula, but perhaps the structure is not simply linear. I am adding a section to the paper to include potential branching conformations.

Concerning the co-authorship on a poster, I will respectively decline. Co-authorship of an item between a regulatory agency and a regulated company is something I try to avoid. Please understand. Mary Kaiser did this in the past and did a very good job. I am sure you will do so as well.

Mark

Dr. Mark J. Strynar
US EPA
Physical Scientist
919-541-3706
strynar.mark@epa.gov

From: Lam.H.Leung-1@chemours.com [mailto:Lam.H.Leung-1@chemours.com]
Sent: Monday, February 09, 2015 4:42 PM
To: Strynar, Mark
Subject: Catching Up and Fluoros 2015

Hi Mark,

Sorry I have not responded earlier to your note and I hope that you had a wonderful and relax holiday season. The last time I checked, the structure you indicated in your previous note, the straight chain one, probably make more sense as the ring structure is likely not stable. As far as I know and after some checking, it might be possible that the compound is a byproduct from one of our processes.

So have you submitted your manuscript as I recall you mentioning it almost getting clearance from your management?

One last item is that I understand that you are going to attend the Fluoros 2015 organized by Chris Higgins. Will you be interested in authorship with me on a poster with the emphasis on the "Dos and Don'ts in Analytical for PFAS analysis". With your vast experience in PFAS analysis and my dealings with our contract labs, I believe it'd be a good topic to present. Please let me know your thoughts on this.

Best Regards,
Lam

From: Strynar, Mark [mailto:Strynar.Mark@epa.gov]
Sent: Monday, December 08, 2014 8:55 AM
To: LEUNG, LAM-WING H
Subject: RE: CAS #

Hi Lam. I had a good Thanksgiving and I hope you did. I am not involved with any groups in CA doing this kind of work. Sorry.

I went back and took a closer look at the suggested structures. I am still thinking this is what we have. One thing we cannot rule out is branching in the structure rather than straight chains. My chemist looked at the chemicals in the TSCA inventory reported at the Fayetteville site and thinks these compounds are possible from reactions of some of these starting materials found there.

Mark

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From: Lam.H.Leung-1@dupont.com [mailto:Lam.H.Leung-1@dupont.com]
Sent: Friday, December 05, 2014 11:13 AM
To: Strynar, Mark
Subject: RE: CAS #

Hi Mark,

Thank you for your note and I hope that you and your family had a great Thanksgiving.

As for the structure you mentioned below, I'm in the process of following up with our chemist about it and will let you know.

I came across this "report" recently and am wondering whether you are involved with this group or not? I can only speculate that they are using similar instrumentation as you do or an Orbitrap for identification. Perhaps you might have more insights.

Best,
Lam

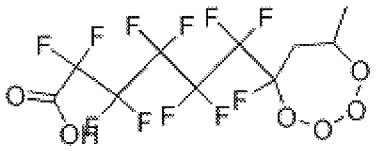
From: Strynar, Mark [mailto:Strynar.Mark@epa.gov]
Sent: Monday, November 24, 2014 7:38 AM
To: LEUNG, LAM-WING H
Subject: RE: CAS #

Hi Lam. I was going to be stuck in DC due to a delayed flight in Chicago, thus I was rebooked direct from Chicago to Raleigh. I got home 45 minutes before my original scheduled flights. However, I had to wait 1 hr. for my wife to arrive anyway.

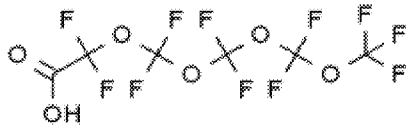
Here is the CAS# of what I think we are seeing. I am taking a closer look this week but this is compound I believe it to be. It is clearly perfluorinated and there is a repeating CF2O subunit due to fragments and offsets.

CAS # 39492-90-5

However I see it drawn this way



And this way



With the same CAS#. However I get a 200.9794 fragment that is a C3 F 7 O2 it appears. I do not see how I can get that fragment from the top compound.

Mark

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